DOCUMENT RESUME

ED 345 593 HE 025 474

TITLE NCAA Gender-Equity Study: Summary of Results.
INSTITUTION National Collegiate Athletic Association, Overland Park, KS.
PUB DATE Mar 92
NOTE 53p.; Charts are presented on colored papers.
PUB TYPE Statistical Data (110) -- Reports - Research/Technical (143)

EDRS PRICE MF01/PC03 Plus Postage.
DESCRIPTORS Athletic Coaches; Athletic Equipment; *College Athletics; Females; Higher Education; Males; Salaries; Scholarships; *Sex Bias; Student Recruitment; Tables (Data); Womens Athletics
IDENTIFIERS National Collegiate Athletic Association

ABSTRACT

This report presents statistical data from a National Collegiate Athletic Association (NCAA) study analyzing expenditures for women's and men's athletics programs in response to a resolution submitted by the National Association of Collegiate Women Athletic Administrators (NACWAA). introduction discusses the management of the study and notes that the study gathered data using NCAA developed forms, one for each of five divisions, and that usable questionnaires were received from 646 institutions. This section also describes how the analysis was done, and discusses some of the limitations of the data and the conclusions that can be drawn from them. In particular, the discussion notes that the data offer only a partial view of gender equity in college sports and that the study was not intended to measure Title IX compliance though certain of the data may offer a rough indication of response to Title IX. The bulk of the report presents 23 tables of data grouped according to division. Tables for Division I contain data on participants, grant expenses, ratios, grant recipients, contests, operating and recruiting expenses, coaching data, ratios and coaching salaries. Division II tables show scholarships, budgets, staff, sport-specific expenses, and department of athletics head coaches. Division III tables show department of athletics personnel and sport-specific expenses. (JB)

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NCAA GENDER-EQUITY STUDY

SUMMARY OF RESULTS

MARCH 1992

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INTRODUCTION

Background of the Study.

In January 1991, the NCAA Council reviewed a resolution submitted by the National Association of Collegiate Women Athletic Administrators (NACWAA) requesting, among other things, that the NCAA undertake a study to analyze expenditures for women's and men's athletics programs. The Council forwarded the resolution to the NCAA Committee on Women's Athletics for review and recommendations. After review by this committee at its February 1991 meeting, staff members developed a draft survey form, which conformed to the specifications of the NACWAA request, and submitted it to the Council. An ad hoc group of Council and Committee on Women's Athletics members reviewed the draft and modified it to ensure its appropriateness for all divisions. Ultimately, three separate forms were developed, each designed specifically for one of the three NCAA membership divisions. The differences in the data collected for each of the three divisions were determined by ad hoc committee members from each of the three divisions. These forms were sent to the chief executive officers of the NCAA member institutions with a cover letter explaining the genesis and purpose of the study over the signatures of Richard D. Schultz, NCAA executive director; Judith M. Sweet, NCAA president; and R. Gerald Turner, chair of the NCAA Presidents Commission. The forms were mailed June 14, 1991, and a return date of July 12, 1991, was requested. A good many potential respondents asked for an extension of this deadline. On August 19, 1991, a follow-up letter was sent to the institutions that had not responded.

Usable questionnaires were received from 646 institutions, with the following breakdown:

I-A	98/106	92.4 percent
I-AA	72/89	80.9 percent
I-AAA	83/103	80.6 percent
II	166/218	76.2 percent
III	227/331	68.6 percent

Coding and Keying Procedures.

Upon receipt in the national office, the completed forms were given extensive review utilizing guidelines developed for the review. Among the guidelines were procedures for dealing with the following:

1. Omitted items. Calls were made to those institutions whose surveys contained omissions. In some cases, the data were simply unavailable. In those cases, the data were coded as "missing" values.

2. Two or more responses for one item. There were occasions, especially in the range of practice times, when two or more responses most adequately described the situation at a member institution. Telephone contact was made to try to ascertain the most common time.

3. Combined salaries. Coaches are often involved in more than one sport. Frequently, institutions were able to allocate amounts of salaries to each sport; when this was not possible, the salary was simply divided by the number of sports and allocated among the sports on an equal basis. This was the approach utilized where the coaches' responsibilities involved two or more teams of one gender or where they involved teams of each gender.

4. Combined operating expenses, recruiting expenses and scholarships. Cross country and track were so often combined in these areas that, after futile attempts to separate them, they were finally left as reported. The result is that expenditures for cross country, as reported here, are probably underestimated and the expenditures for track and field are probably overestimated. Totals, which report average by institution, reflect expenditures for both sports, and are, therefore, not distorted.

Analysis.

The data were keyed in 11 files and transferred from tape into a Paradox database. From Paradox, the SAS library of statistical packages was used to compile the descriptive statistics. In each case, the statistics were first run on a sport-by-sport basis: i.e., data from all institutions reporting sponsorship of a given sport were added together and means were computed for that sport. For the institutional averages, each institution's data in a given category (e.g., men's scholarships) were summed: these sums were then combined to produce a grand total. The grand total was divided by the number of institutions reporting to yield an average per institution.

If three or fewer institutions reported data in a given sport, those data were omitted from the tables. This occurred most often with regard to salary information.

Discussion.

The data can be evaluated from a variety of perspectives, and for that reason, care has been taken to avoid offering conclusions or commentary thereon. One such perspective is the view that gender equity in intercollegiate athletics represents a moral and not just a legal imperative, and that responsible administrators should analyze the data in that context, asking themselves if men and women student-athletes are indeed treated equally.

It must be noted, in this regard, that the data offer only a partial view of gender equity in intercollegiate athletics. They do not, for example, lend themselves to qualitative analysis: for example, they do not show whether one team receives new uniforms every three years, while another team's uniforms are replaced every year; or whether teams have comparable lodgings when they travel off campus. Equally important, perhaps, the data do not reflect policies and practices on any individual campus, but merely show average quantitative data by NCAA divisional category of institution.

The data can also be analyzed in terms of some of the requirements of Title IX as currently interpreted by regulation and Federal policies. In general, Title IX currently requires that athletics financial assistance be allocated in proportion to the number of male and female participants in intercollegiate athletics, that all other benefits accorded participants be equivalent, and that the athletics interests and abilities of enrolled women students be accommodated to the same degree as those of men.

Because the study was not designed with a view to measuring Title IX compliance, much of the data is either not relevant to such an analysis or represents an imperfect measure of average conformity to Title IX. Certain of the data, however, may give a rough indication of the extent to which NCAA members have responded on average to some of the requirements of the statute, specifically with reference to the relative provision of athletics financial assistance and coaching assistance to male and female student-athletes, as well as

provision of equivalent competitive opportunities in like sports. It is again emphasized, however, that these quantitative data represent, even in these instances, only a limited measure on average of conformity to Title IX.

Finally, it is important again to recognize that the averages contained in the charts that follow do not represent an ideal against which an institution can measure itself -- either in terms of law or one's individual sense of gender equity -- rather, they represent only quantitative averages of certain current conditions at reporting institutions.

The National Collegiate Athletic Association
March 5, 1992 MDB/URW:ssa

TABLE 1

DIVISION I OVERALL PARTICIPANTS, GRANT EXPENSES, RATIOS, N = 293 INSTITUTIONS

NUMBER M	NUMBER W	MEN'S AND WOMEN'S SPORTS	Average Number of Participants Men	Average Number of Participants Women	Average Scholarship Expenses Men	Average Scholarship Expenses Women	Ratio of Male Participants to Female Participants	Ratio of Male Scholarship Exp. to Female Scholarship Exp.
224	146	Baseball/Softball	32.98	16.84	$78,556	$48,581	1.96:1	1.62:1
252	246	Basketball	15.05	13.34	$124,407	$105,873	1.13:1	1.18:1
223	232	Cross Country	13.67	11.12	$23,721	$23,417	1.23:1	1.01:1
20	20	Fencing	21.05	8.65	$12,633	$8,822	2.43:1	1.43:1
	57	Field Hockey		20.77		$73,147		
163		Football	108.07		$629,880			
7 (Div.II) 8 (Div.III)		Football -- multidivisional	87.65		$232,511			
227	92	Golf	11.82	9.07	$24,645	$32,543	1.30:1	.76:1
29	60	Gymnastics	15.55	13.12	$42,914	$61,603	1.19:1	.70:1
29		Ice Hockey	28.76		$146,400			
36	23	Lacrosse	38.36	25.96	$53,730	$28,379	1.48:1	1.89:1
19	9	Rifle	8.32	4.33	$11,357	$12,441	1.92:1	.91:1
10	9	Skiing	17.20	14.67	$41,955	$31,534	1.17:1	1.33:1
152	64	Soccer	26.49	22.34	$59,808	$47,511	1.19:1	1.26:1
135	141	Swimming	25.42	21.80	$57,861	$65,141	1.17:1	.89:1
235	237	Tennis	10.74	9.68	$28,674	$35,945	1.11:1	.80:1
203	203	Indoor/Outdoor Track	38.23	26.09	$70,006	$63,332	1.47:1	1.11:1
16	231	Volleyball	19.69	12.46	$34,019	$63,870	1.58:1	.53:1
26		Water Polo	22.54		$27,186			
83		Wrestling	28.84		$58,447			
18	20	Other	53.42	33.48	$29,947	$31,584	1.60:1	.95:1
		INSTITUTIONAL AVERAGE	250.10	111.71	$849,130	$372,800	2.24:1	2.28:1

TOTAL ENROLLMENT (Average) PER INSTITUTION, Men = 5,324 Women = 5,395 Ratio = 0.99:1

TABLE 2
DIVISION I OVERALL GRANT RECIPIENTS, CONTESTS, OPERATING AND RECRUITING EXPENSES, N = 253 INSTITUTIONS

MEN'S AND WOMEN'S SPORTS	SCHOLARSHIPS				Average Number of Students Receiving Athletics Aid		Average Number of Contests		Average Operating Expenses		Average Recruiting Expenses	
	Number Allowed Men	Avg. No. Awarded in '90-91 Men (Equiv.)	Number Allowed Women	Avg. No. Awarded in '90-91 Women (Equiv.)	Men	Women	Men	Women	Men	Women	Men	Women
Baseball/Softball	13	8.87	11	5.99	20.67	11.96	55.17	46.00	$48,992	$24,115	$5,370	$2,614
Basketball	15	12.93	15	11.46	13.44	12.43	28.74	27.86	$167,097	$60,644	$45,917	$14,268
Cross Country	14	3.25	16	2.89	7.32	6.49	7.30	7.08	$9,448	$8,679	$914	$728
Fencing	5	1.09	5	0.79	2.77	1.17	13.20	13.25	$12,275	$7,885	$410	$901
Field Hockey			11	5.90		13.15		18.74		$20,490		$2,477
Football	95/70	74.51			80.86		11.18		$409,914		$109,759	
Ftb--multidivisional	40 (Div.II)	20.61			62.86		9.88		$64,799		$5,589	
Golf	5	3.07	6	4.54	7.67	7.06	13.68	12.53	$18,140	$19,698	$1,984	$2,170
Gymnastics	7	4.58	10	7.14	7.79	8.71	12.48	12.07	$26,837	$28,754	$2,761	$3,908
Ice Hockey	20	12.00			14.42	*	31.69		$90,939		$17,503	
Lacrosse	14	3.89	11	2.02	10.60	5.39	14.39	15.26	$33,038	$16,990	$3,504	$915
Rifle	4	1.13		0.96	3.50	2.80	11.28	10.12	$7,221	$5,044	$679	$690
Skiing	7	4.00	7	3.27	8.62	6.50	10.70	11.11	$14,711	$15,345	$600	$532
Soccer	11	5.58	11	4.07	15.00	12.10	19.91	18.05	$25,371	$20,849	$3,486	$2,581
Swimming	11	5.90	14	6.80	13.04	13.22	13.95	13.77	$22,306	$20,713	$3,985	$3,754
Tennis	5	3.18	8	4.22	6.42	6.11	23.09	22.54	$16,295	$14,790	$1,470	$1,513
Indoor/Outdoor Track	*	8.55	*	8.03	17.71	14.60	16.69	16.00	$35,075	$29,126	$4,013	$3,258
Volleyball	5	3.38	12	7.79	9.12	9.86	28.00	30.06	$26,271	$27,414	$1,390	$4,698
Water Polo	5	2.13			5.89		21.00		$12,498		$1,505	
Wrestling	11	6.45			14.41		18.89		$27,448		$4,170	
Other		2.58		2.89	4.89	6.05	17.45	15.58	$25,239	$19,606	$1,224	$1,043
INSTITUTIONAL AVERAGE		95.71		42.27	141.65	65.48	179.57	150.59	$612,206	$179,078	$139,152	$28,840

*See cross country

TOTAL (Average) AMOUNT FULL ATHLETICS GRANT-IN-AID, Public Institutions: Instate = $5,444 Out-of-state = $8,771 Private Institutions = $14,840

TABLE 3

DIVISION I OVERALL COACHING DATA, RATIOS, N = 253 INSTITUTIONS

MEN'S AND WOMEN'S SPORTS	Head Coaches (Men's) Percent Male	Head Coaches (Women's) Percent Female	Assistant Coaches (Men's) M Number	Assistant Coaches (Men's) F Number	Assistant Coaches (Women's) M Number	Assistant Coaches (Women's) F Number	Graduate Assistant Coaches (Men's) M Number	Graduate Assistant Coaches (Men's) F Number	Graduate Assistant Coaches (Women's) M Number	Graduate Assistant Coaches (Women's) F Number	Volunteer Asst. Coaches (Men's) M Number	Volunteer Asst. Coaches (Men's) F Number	Volunteer Asst. Coaches (Women's) M Number	Volunteer Asst. Coaches (Women's) F Number	Ratio of Participants to Coaches* M	Ratio of Participants to Coaches* F
Baseball/Softball	100%	70%	1.34	0.01	0.16	0.54	0.38	0.00	0.02	0.19	0.47	0.004	0.12	0.11	10.29:1	7.87:1
Basketball	100%	60%	2.37	0.00	0.42	1.21	0.69	0.01	0.05	0.49	0.37	0.004	0.09	0.13	3.39:1	3.94:1
Cross Country	98%	18%	0.36	0.05	0.23	0.09	0.17	0.02	0.09	0.06	0.18	0.02	0.08	0.07	7.59:1	6.86:1
Fencing	84%	28%	0.47	0.05	0.44	0.17	0.00	0.00	0.06	0.00	0.26	0.00	0.17	0.00	11.83:1	4.70:1
Field Hockey		98%			0.04	0.86			0.02	0.23			0.02	0.11		9.11:1
Football	100%		7.72	0.00			3.09	0.02			0.62	0.00			8.69:1	
Ftb--multidivisional	100%		5.71	0.00			0.88	0.00			0.94	0.00			10.28:1	
Golf	99%	64%	0.11	0.02	0.06	0.10	0.04	0.00	0.02	0.01	0.06	0.00	0.01	0.04	9.61:1	7.31:1
Gymnastics	100%	47%	0.59	0.00	0.61	0.37	0.24	0.03	0.10	0.21	0.10	0.00	0.03	0.02	7.93:1	5.61:1
Ice Hockey	100%		1.97	0.00			0.31	0.00			0.31	0.00			8.01:1	
Lacrosse	100%	95%	1.29	0.00	0.00	1.14	0.37	0.00	0.00	0.14	0.49	0.00	0.05	0.00	12.18:1	11.14:1
Rifle	95%	17%	0.15	0.00	0.00	0.00	0.00	0.05	0.00	0.17	0.21	0.05	0.67	0.17	5.70:1	2.15:1
Skiing	100%	0%	1.00	0.11	1.29	0.14	0.00	0.00	0.00	0.00	0.11	0.00	0.00	0.00	7.75:1	6.04:1
Soccer	100%	19%	0.84	0.00	0.52	0.31	0.21	0.02	0.09	0.14	0.19	0.00	0.16	0.02	11.72:1	9.97:1
Swimming	93%	17%	1.13	0.22	0.93	0.35	0.31	0.05	0.15	0.19	0.14	0.05	0.10	0.04	8.77:1	7.76:1
Tennis	98%	38%	0.24	0.04	0.16	0.14	0.11	0.01	0.08	0.08	0.08	0.00	0.06	0.03	7.26:1	6.25:1
Indoor/Outdoor Track	99%	20%	1.24	0.17	0.84	0.33	0.37	0.05	0.13	0.23	0.28	0.03	0.12	0.09	12.18:1	9.52:1
Volleyball	100%	60%	1.06	0.00	0.27	0.43	0.12	0.00	0.08	0.22	0.06	0.00	0.10	0.04	8.79:1	5.77:1
Water Polo	96%		0.52	0.00			0.04	0.00			0.20	0.04			12.52:1	
Wrestling	100%		0.98	0.00			0.51	0.00			0.41	0.00			9.94:1	
Other	63%	40%	2.39	1.00	1.40	1.22	1.20	1.00	1.00	1.00	1.56	2.50	1.83	1.33	5.02:1	3.81:1
INSTITUTIONAL AVERAGE	98.6%M	44.8%W	12.86	0.37	2.61	3.09	4.24	0.15	0.50	1.34	2.25	0.09	0.61	0.51	12.29:1	11.56:1

*Coaching figures are not equivalencies; they include full and part time, graduate assistants and volunteers.

TABLE 4

DIVISION I OVERALL COACHING SALARIES, N = 253 INSTITUTIONS

MEN'S AND WOMEN'S SPORTS	Head Coaches (Men's) Average Base Salary	Head Coaches (Women's) Average Base Salary	Assistant Coaches (Men's) Average Combined Salaries	Assistant Coaches (Women's) Average Combined Salaries
Baseball/Softball	$34,126	$21,169	$25,846	$11,299
Basketball	$71,511	$39,177	$75,311	$35,477
Cross Country	$15,070	$12,929	$13,539	$13,985
Fencing	$11,850	$11,170	$7,740	$7,076
Field Hockey		$21,602		$8,513
Football	$81,574		$315,683	
Ftb--multidivisional	$38,750		$56,728	
Golf	$18,049	$18,342	$12,070	$7,728
Gymnastics	$27,513	$28,824	$20,254	$16,458
Ice Hockey	$43,569		$44,881	
Lacrosse	$25,056	$18,412	$17,157	$6,831
Rifle	$8,668	$4,587		
Skiing	$16,438	$17,038	$18,935	$18,294
Soccer	$24,184	$17,647	$9,434	$5,872
Swimming	$22,953	$21,074	$17,336	$14,985
Tennis	$17,131	$16,505	$8,968	$7,703
Indoor/Outdoor Track	$26,553	$23,444	$25,768	$21,513
Volleyball	$26,097	$24,889	$14,398	$16,697
Water Polo	$18,161		$6,952	
Wrestling	$28,280		$17,577	
Other	$26,378	$20,183	$20,134	$9,685
INSTITUTIONAL AVERAGE	$272,057	$149,740	$353,339	$78,131

TOTAL COACHING EXPENSE PER PARTICIPANT (Average per institution), Men = $2,500.58 Women = $2,039.84

TABLE 5

DIVISION I-A PARTICIPANTS, GRANT EXPENSES, RATIOS, N = 98 INSTITUTIONS

NUMBER M	NUMBER W	MEN'S AND WOMEN'S SPORTS	Average Number of Participants Men	Average Number of Participants Women	Average Scholarship Expenses Men	Average Scholarship Expenses Women	Ratio of Male Participants to Female Participants	Ratio of Male Scholarship Exp. to Female Scholarship Exp.
91	54	Baseball/Softball	37.08	17.74	$94,783	$69,086	2.09:1	1.37:1
98	96	Basketball	15.38	13.89	$122,119	$109,309	1.11:1	1.12:1
91	89	Cross Country	15.82	12.35	$25,564	$27,564	1.28:1	.93:1
9	7	Fencing	22.75	8.80	$9,498	$3,423	2.59:1	2.77:1
	22	Field Hockey		19.26		$86,313		
94		Football	117.03		$797,986			
91	59	Golf	13.68	9.49	$33,052	$37,798	1.44:1	.87:1
24	42	Gymnastics	15.87	13.45	$48,737	$67,658	1.18:1	.72:1
13		Ice Hockey	29.08		$156,696			
11	4	Lacrosse	40.67	25.75	$73,044	$25,883	1.58:1	2.82:1
5	3	Rifle	10.11	3.67	$10,811	$18,018	2.75:1	.60:1
5	5	Skiing	16.00	11.20	$41,550	$38,960	1.43:1	1.07:1
46	21	Soccer	29.13	23.36	$54,957	$48,801	1.25:1	1.13:1
72	73	Swimming	28.77	23.64	$73,645	$85,441	1.22:1	.86:1
87	90	Tennis	11.57	9.62	$37,665	$52,840	1.20:1	.71:1
91	89	Indoor/Outdoor Track	44.63	29.83	$84,306	$79,621	1.50:1	1.06:1
8	91	Volleyball	21.50	13.18	$29,396	$84,472	1.63:1	.35:1
10		Water Polo	26.00		$31,460			
44		Wrestling	31.30		$70,175			
9	9	Other	60.53	38.12	$36,225	$26,595	1.59:1	1.36:1
		INSTITUTIONAL AVERAGE	322.85	129.83	$1,291,118	$505,246	2.49:1	2.56:1

TOTAL ENROLLMENT (Average) PER INSTITUTION. Men = 8,551 Women = 8,155 Ratio = 1.05:1

TABLE 6

DIVISION I-A GRANT RECIPIENTS, CONTESTS, OPERATING AND RECRUITING EXPENSES, N = 98 INSTITUTIONS

MEN'S AND WOMEN'S SPORTS	SCHOLARSHIPS				Average Number of Students Receiving Athletics Aid		Average Number of Contests		Average Operating Expenses		Average Recruiting Expenses	
	Number Allowed Men	Avg. No. Awarded in '90-91 Men (Equiv.)	Number Allowed Women	Avg. No. Awarded in '90-91 Women (Equiv.)	Men	Women	Men	Women	Men	Women	Men	Women
Baseball/Softball	13	11.04	11	8.67	23.46	14.13	58.11	48.70	$66.046	$36.418	$9.068	$4.531
Basketball	15	13.15	15	12.55	13.49	12.82	29.21	28.16	$222.604	$79.797	$67.877	$21.759
Cross Country	14	3.90	16	3.48	7.56	6.38	6.93	6.75	$13.394	$12.729	$1.301	$1.142
Fencing	5	0.96	5	0.54	2.22	0.43	14.00	14.40	$14.444	$8.399	$506	$880
Field Hockey			11	7.06		15.09		19.13		$24.313		$3.393
Football	95	88.56			89.98		11.24		$579.317		$166.843	
Golf	5	3.95	6	5.53	9.12	7.20	14.24	12.30	$27.741	$23.684	$3.781	$2.883
Gymnastics	7	5.15	10	8.24	8.21	9.24	12.65	12.24	$30.254	$33.892	$3.248	$4.878
Ice Hockey	20	15.07			18.31		34.85		$120.345		$21.664	
Lacrosse	14	5.61	11	2.56	12.55	6.25	14.75	15.00	$47.551	$23.866	$5.939	$492
Rifle	4	0.99		1.45	1.60	2.67	12.38	10.40	$8.618	$6.090	$832	$1.033
Skiing	7	4.44	7	4.14	9.40	8.60	13.20	13.20	$17.153	$17.350	$559	$598
Soccer	11	5.78	11	4.84	13.39	13.52	20.47	18.38	$28.954	$23.385	$5.602	$3.454
Swimming	11	7.73	14	9.39	15.68	16.00	14.27	14.27	$30.553	$28.342	$6.316	$6.105
Tennis	5	3.98	8	6.09	7.11	6.92	24.86	25.10	$27.305	$23.449	$2.855	$2.834
Indoor/Outdoor Track	*	10.27	*	9.93	21.04	17.01	16.86	15.73	$47.939	$39.454	$6.524	$5.434
Volleyball	5	3.06	12	9.99	10.00	10.73	30.12	30.54	$30.728	$39.213	$2.159	$8.073
Water Polo	5	2.37			7.50		21.67		$17.562		$2.505	
Wrestling	11	7.96			16.36		19.02		$35.525		$6.152	
Other		3.55		3.19	5.11	5.67	18.00	13.69	$32.890	$24.113	$1.228	$1.316
INSTITUTIONAL AVERAGE		143.35		59.10	192.19	82.17	201.58	163.64	$1.049.025	$262.570	$268.996	$49.406

*See cross country

TOTAL (Average) AMOUNT FULL ATHLETICS GRANT IN AID, Public Institutions: Instate = $5.681 Out-of-state = $9.286 Private Institutions = $15.768

TABLE 7

DIVISION I-A COACHING DATA, RATIOS, N = 98 INSTITUTIONS

MEN'S AND WOMEN'S SPORTS	Head Coaches (Men's) Percent Male	Head Coaches (Women's) Percent Female	Assistant Coaches (Men's) Number		Assistant Coaches (Women's) Number		Graduate Assistant Coaches (Men's) Number		Graduate Assistant Coaches (Women's) Number		Volunteer Asst. Coaches (Men's) Number		Volunteer Asst. Coaches (Women's) Number		Ratio of Participants to Coaches*	
			M	F	M	F	M	F	M	F	M	F	M	F	M	F
Baseball/Softball	100%	83%	1.65	0.03	0.21	0.75	0.42	0.00	0.00	0.32	0.37	0.00	0.06	0.11	10.69:1	7.24:1
Basketball	100%	67%	2.49	0.00	0.50	1.43	0.83	0.02	0.05	0.59	0.37	0.01	0.05	0.07	3.26:1	3.76:1
Cross Country	97%	26%	0.42	0.00	0.22	0.08	0.30	0.00	0.18	0.08	0.12	0.03	0.10	0.05	8.46:1	7.22:1
Fencing	75%	30%	0.42	0.08	0.40	0.20	0.00	0.00	0.10	0.00	0.17	0.00	0.20	0.00	13.62:1	4.63:1
Field Hockey		100%			0.00	0.68			0.00	0.36			0.05	0.05		9.00:1
Football	100%		8.85	0.00			3.98	0.00			0.64	0.00			8.09:1	
Golf	99%	74%	0.14	0.04	0.07	0.14	0.08	0.00	0.03	0.02	0.03	0.00	0.00	0.07	10.60:1	7.14:1
Gymnastics	100%	49%	0.74	0.00	0.68	0.32	0.22	0.04	0.10	0.22	0.09	0.00	0.05	0.02	7.59:1	5.63:1
Ice Hockey	100%		2.31	0.00			0.54	0.00			0.31	0.00			6.99:1	
Lacrosse	100%	100%	1.50	0.00	0.00	1.00	0.42	0.00	0.00	0.25	0.17	0.00	0.00	0.00	13.16:1	11.44:1
Rifle	89%	33%	0.20	0.00	0.00	0.00	0.00	0.11	0.00	0.33	0.44	0.11	1.33	0.33	5.44:1	1.23:1
Skiing	100%	0%	1.20	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.20	0.00	0.00	0.00	6.67:1	5.60:1
Soccer	100%	32%	0.76	0.00	0.50	0.23	0.22	0.04	0.23	0.27	0.20	0.00	0.14	0.00	13.12:1	9.86:1
Swimming	97%	18%	1.34	0.23	1.06	0.42	0.41	0.06	0.18	0.27	0.09	0.04	0.05	0.09	9.08:1	7.70:1
Tennis	100%	41%	0.40	0.02	0.24	0.22	0.19	0.00	0.11	0.11	0.06	0.00	0.07	0.04	6.93:1	5.37:1
Indoor/Outdoor Track	99%	22%	1.71	0.21	1.17	0.49	0.42	0.05	0.10	0.31	0.27	0.01	0.10	0.05	12.16:1	9.26:1
Volleyball	100%	46%	0.88	0.00	0.38	0.59	0.12	0.00	0.10	0.29	0.00	0.00	0.08	0.03	10.75:1	5.34:1
Water Polo	100%		0.44	0.00			0.11	0.00			0.00	0.00			16.77:1	
Wrestling	100%		1.18	0.00			0.71	0.00			0.40	0.00			9.51:1	
Other	96%	40%	2.30	1.00	1.33	1.14	1.00	1.00	0.00	1.00	1.25	1.00	3.00	1.33	7.08:1	4.33:1
INSTITUTIONAL AVERAGE	98.8%M	47.4%W	17.95	0.49	3.62	3.88	6.81	0.16	0.64	1.89	2.24	0.08	0.55	0.48	11.24:1	10.77:1

*Coaching figures are not equivalencies; they include full and part time, graduate assistants and volunteers.

TABLE 8

DIVISION I-A COACHING SALARIES, N = 98 INSTITUTIONS

MEN'S AND WOMEN'S SPORTS	Head Coaches (Men's) Average Base Salary	Head Coaches (Women's) Average Base Salary	Assistant Coaches (Men's) Average Combined Salaries	Assistant Coaches (Women's) Average Combined Salaries
Baseball/Softball	$43,466	$30,781	$36,033	$17,174
Basketball	$88,984	$45,847	$95,855	$46,060
Cross Country	$22,183	$18,412	$24,311	$19,953
Fencing	$13,306	$12,361	$9,807	$9,613
Field Hockey		$24,492		$9,533
Football	$99,429		$419,651	
Golf	$27,772	$22,672	$18,581	$8,612
Gymnastics	$31,340	$32,187	$20,254	$18,991
Ice Hockey	$53,597		$58,403	
Lacrosse	$35,204	$24,453	$28,549	$9,241
Rifle	$14,111	$8,211	$0	$0
Skiing	$17,570	$17,200	$19,780	$18,991
Soccer	$31,095	$21,660	$19,492	$10,831
Swimming	$27,026	$25,590	$22,803	$19,247
Tennis	$26,612	$23,802	$11,573	$10,145
Indoor/Outdoor Track	$32,406	$27,841	$34,076	$27,659
Volleyball	$32,739	$32,200	$19,022	$24,028
Water Polo	$24,623		$14,284	
Wrestling	$33,152		$22,182	
Other	$34,889	$22,345	$34,966	$14,000
INSTITUTIONAL AVERAGE	$396,791	$206,106	$624,312	$118,897

TOTAL COACHING EXPENSE PER PARTICIPANT (Average per institution). Men = $3,162.78 Women = $2,503.30

TABLE 9

DIVISION I-AA PARTICIPANTS, GRANT EXPENSES, RATIOS, N = 72 INSTITUTIONS

NUMBER M	NUMBER W	MEN'S AND WOMEN'S SPORTS	Average Number of Participants Men	Average Number of Participants Women	Average Scholarship Expenses Men	Average Scholarship Expenses Women	Ratio of Male Participants to Female Participants	Ratio of Male Scholarship Exp. to Female Scholarship Exp.
61	36	Baseball/Softball	30.20	17.36	$50,776	$29,605	1.74:1	1.72:1
72	72	Basketball	15.18	13.38	$98,128	$81,847	1.13:1	1.20:1
67	66	Cross Country	13.54	11.02	$19,552	$19,895	1.23:1	.98:1
4	5	Fencing	23.25	9.20	$0	$0	2.53:1	
	21	Field Hockey		22.10		$71,776		
69		Football	96.16		$464,766			
61	14	Golf	11.00	8.43	$17,425	$20,439	1.30:1	.85:1
3	11	Gymnastics	12.67	12.27	$18,600	$47,004	1.03:1	.40:1
9		Ice Hockey	27.44		$150,865			
10	13	Lacrosse	39.30	24.85	$15,471	$20,886	1.58:1	.74:1
		Rifle						
		Skiing						
33	14	Soccer	26.88	22.36	$50,660	$35,418	1.20:1	1.43:1
30	30	Swimming	24.23	21.90	$39,627	$42,459	1.11:1	.93:1
67	68	Tennis	10.03	9.18	$19,732	$22,783	1.09:1	.87:1
68	70	Indoor/Outdoor Track	36.66	25.33	$47,636	$46,757	1.45:1	1.02:1
	67	Volleyball		12.54		$43,711		
		Water Polo						
20		Wrestling	28.65		$42,000			
4	6	Other	72.50	36.20	$33,090	$46,209	2.00:1	.72:1
		INSTITUTIONAL AVERAGE	252.16	109.42	$732,259	$239,865	2.30:1	2.79:1

TOTAL ENROLLMENT (Average) PER INSTITUTION, Men = 4,139 Women = 4,493 Ratio = 0.92:1

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TABLE 10

DIVISION I-AA GRANT RECIPIENTS, CONTESTS, OPERATING AND RECRUITING EXPENSES, N = 72 INSTITUTIONS

MEN'S AND WOMEN'S SPORTS	SCHOLARSHIPS						Average Number of Contests		Average Operating Expenses		Average Recruiting Expenses	
	Number Allowed Men	Avg. No. Awarded in '90-91 Men (Equiv.)	Number Allowed Women	Avg. No. Awarded in '90-91 Women (Equiv.)	Average Number of Students Receiving Athletics Aid Men	Women	Men	Women	Men	Women	Men	Women
Baseball/Softball	13	7.60	11	5.16	18.78	10.73	50.74	44.25	$37,383	$18,371	$2,497	$1,765
Basketball	15	12.80	15	11.08	13.29	12.07	28.40	27.46	$109,894	$48,123	$27,070	$8,913
Cross Country	14	3.65	16	3.15	7.16	6.32	7.00	7.06	$10,056	$8,897	$715	$492
Fencing	5	0.00	5	0.00	0.00	0.00	11.25	11.80	$11,402	$9,978	$312	$2,085
Field Hockey			11	5.81		12.50		18.48		$20,677		$2,148
Football	70	62.94			76.65		11.10		$187,138		$34,378	
Golf	5	2.92	6	3.04	6.66	6.60	12.25	11.07	$12,417	$12,115	$770	$778
Gymnastics	7	1.97	10	4.88	7.50	7.30	13.00	12.27	$12,298	$18,013	$669	$2,234
Ice Hockey	20	9.89			11.38		31.33		$77,708		$15,883	
Lacrosse	14	1.52	11	1.59	4.11	4.00	14.70	14.92	$31,249	$16,806	$2,563	$1,187
Rifle												
Skiing												
Soccer	11	4.93	11	3.12	11.97	7.67	19.21	17.14	$24,101	$23,824	$2,673	$1,838
Swimming	11	3.75	14	3.64	9.69	9.44	13.83	13.37	$17,132	$16,705	$1,317	$1,171
Tennis	5	2.97	8	3.38	5.73	5.29	21.45	20.96	$10,223	$10,360	$588	$720
Indoor/Outdoor Track	*	7.43	*	7.39	15.31	13.59	16.75	16.67	$24,353	$22,291	$1,712	$1,450
Volleyball	5		12	6.94		9.53		28.82		$21,349		$2,850
Water Polo												
Wrestling	11	4.75			11.85		18.95		$19,455		$2,182	
Other		2.26		3.74	5.25	7.83	23.25	22.90	$40,883	$25,056	$2,226	$987
INSTITUTIONAL AVERAGE		98.04		35.62	142.15	56.01	163.89	141.93	$415,464	$139,131	$70,797	$16,396

*See cross country

TOTAL (Average) AMOUNT FULL ATHLETICS GRANT-IN-AID, Public Institutions: Instate = $4,776 Out-of-state = $7,617 Private Institutions = $15,753

TABLE 11

DIVISION I-AA COACHING DATA. RATIOS. N = 72 INSTITUTIONS

MEN'S AND WOMEN'S SPORTS	Head Coaches (Men's) Percent Male	Head Coaches (Women's) Percent Female	Assistant Coaches (Men's) Number M	Assistant Coaches (Men's) Number F	Assistant Coaches (Women's) Number M	Assistant Coaches (Women's) Number F	Graduate Assistant Coaches (Men's) Number M	Graduate Assistant Coaches (Men's) Number F	Graduate Assistant Coaches (Women's) Number M	Graduate Assistant Coaches (Women's) Number F	Volunteer Asst. Coaches (Men's) Number M	Volunteer Asst. Coaches (Men's) Number F	Volunteer Asst. Coaches (Women's) Number M	Volunteer Asst. Coaches (Women's) Number F	Ratio of Participants to Coaches* M	Ratio of Participants to Coaches* F
Baseball/Softball	100%	72%	0.85	0.00	0.08	0.33	0.49	0.00	0.06	0.19	0.47	0.00	0.14	0.06	10.75:1	9.33:1
Basketball	100%	61%	2.23	0.00	0.25	1.17	0.60	0.00	0.03	0.50	0.37	0.00	0.12	0.15	3.61:1	4.16:1
Cross Country	100%	14%	0.40	0.09	0.32	0.07	0.16	0.04	0.05	0.11	0.18	0.02	0.05	0.11	7.16:1	6.44:1
Fencing	100%	25%	0.50	0.00	0.50	0.00	0.00	0.00	0.00	0.00	0.25	0.00	0.25	0.00	13.29:1	5.26:1
Field Hockey		100%			0.05	1.00			0.00	0.19			0.00	0.14		9.29:1
Football	100%		6.23	0.00			1.89	0.05			0.60	0.00			9.84:1	
Golf	98%	53%	0.07	0.00	0.00	0.07	0.02	0.00	0.00	0.00	0.10	0.00	0.00	0.00	9.24:1	7.88:1
Gymnastics	100%	45%	0.00	0.00	0.55	0.55	0.33	0.00	0.18	0.18	0.00	0.00	0.00	0.00	9.53:1	4.99:1
Ice Hockey	100%		1.89	0.00			0.00	0.00			0.33	0.00			8.52:1	
Lacrosse	100%	100%	1.30	0.00	0.00	1.08	0.40	0.00	0.00	0.17	0.60	0.00	0.08	0.00	11.91:1	10.67:1
Rifle																
Skiing																
Soccer	100%	21%	0.79	0.00	0.57	0.21	0.33	0.00	0.00	0.14	0.18	0.00	0.21	0.00	11.69:1	10.50:1
Swimming	83%	23%	0.87	0.23	0.77	0.33	0.30	0.10	0.20	0.13	0.13	0.00	0.13	0.03	9.21:1	8.46:1
Tennis	97%	34%	0.15	0.05	0.11	0.08	0.06	0.03	0.11	0.11	0.06	0.00	0.03	0.03	7.43:1	6.24:1
Indoor/Outdoor Track	100%	26%	0.75	0.13	0.58	0.23	0.41	0.07	0.15	0.25	0.31	0.06	0.15	0.13	13.43:1	10.17:1
Volleyball		68%			0.14	0.36			0.09	0.23			0.11	0.06		6.30:1
Water Polo																
Wrestling	100%		0.81	0.00			0.29	0.00			0.14	0.00			12.79:1	
Other	93%	58%	4.00	1.00	1.20	1.50	1.00	0.00	0.00	0.00	2.50	4.00	1.00	0.00	5.37:1	7.70:1
INSTITUTIONAL AVERAGE	98.4%M	48.3%W	11.92	0.32	1.84	2.82	3.79	0.21	0.49	1.36	2.22	0.11	0.62	0.49	12.89:1	12.69:1

*Coaching figures are not equivalencies; they include full and part time, graduate assistants and volunteers.

TABLE 12

DIVISION I-AA COACHING SALARIES, N = 72 INSTITUTIONS

MEN'S AND WOMEN'S SPORTS	Head Coaches - (Men's) Average Base Salary	Head Coaches (Women's) Average Base Salary	Assistant Coaches (Men's) Average Combined Salaries	Assistant Coaches (Women's) Average Combined Salaries
Baseball/Softball	$28,034	$20,700	$14,928	$8,310
Basketball	$54,907	$35,833	$59,084	$29,436
Cross Country	$18,882	$16,385	$14,956	$22,364
Fencing	$13,360	$14,141		$7,690
Field Hockey		$22,863		$8,953
Football	$57,519		$178,959	
Golf	$12,665	$11,064	$2,752	
Gymnastics	$11,931	$23,493	$0	$15,371
Ice Hockey	$43,385		$38,698	
Lacrosse	$26,436	$15,748	$14,450	$7,250
Rifle				
Skiing				
Soccer	$22,643	$17,962	$7,597	$3,705
Swimming	$23,505	$20,795	$13,766	$13,939
Tennis	$12,728	$13,123	$5,222	$5,080
Indoor/Outdoor Track	$23,639	$22,396	$17,219	$14,937
Volleyball		$21,489		$12,119
Water Polo				
Wrestling	$26,600		$16,545	
Other	$45,552	$29,605	$23,470	$13,161
INSTITUTIONAL AVERAGE	$225,483	$130,401	$275,844	$61,226

TOTAL COACHING EXPENSE PER PARTICIPANT (Average per institution). Men = $1,988.13 Women = $1,751.30

TABLE 13

DIVISION I-AAA PARTICIPANTS, GRANT EXPENSES, RATIOS, N = 83 INSTITUTIONS

NUMBER M	NUMBER W	MEN'S AND WOMEN'S SPORTS	Average Number of Participants Men	Average Number of Participants Women	Average Scholarship Expenses Men	Average Scholarship Expenses Women	Ratio of Male Participants to Female Participants	Ratio of Male Scholarship Exp. to Female Scholarship Exp.
72	56	Baseball/Softball	30.17	15.62	$80,398	$39,330	1.93:1	2.04:1
82	79	Basketball	14.54	12.63	$150,214	$123,291	1.15:1	1.22:1
78	76	Cross Country	11.57	9.87	$25,520	$22,993	1.17:1	1.11:1
4	5	Fencing	13.75	7.80	$39,378	$20,475	1.76:1	1.92:1
	13	Field Hockey		21.31		$51,178		
7 (Div.II) 8 (Div.III)		Football -- multidivisional	87.65		$232,511			
75	17	Golf	10.24	8.06	$18,479	$24,513	1.27:1	.75:1
3	7	Gymnastics	16.00	12.43	$12,540	$46,126	1.29:1	.27:1
7		Ice Hockey	29.86		$112,486			
14	6	Lacrosse	35.71	28.50	$66,918	$49,608	1.25:1	1.35:1
8	3	Rifle	6.88	5.67	$11,125	$4,075	1.21:1	2.73:1
3	2	Skiing	18.33	24.50	$61,713	$54,910	.75:1	1.12:1
73	28	Soccer	24.66	21.54	$66,945	$52,331	1.14:1	1.28:1
34	38	Swimming	19.47	18.18	$37,788	$38,681	1.07:1	.98:1
78	78	Tennis	10.38	10.17	$25,164	$26,474	1.02:1	.95:1
44	44	Indoor/Outdoor Track	27.41	19.73	$69,907	$52,501	1.39:1	1.33:1
8	73	Volleyball	17.88	11.49	$34,135	$56,137	1.56:1	.61:1
11		Water Polo	20.82		$28,591			
17		Wrestling	22.41		$46,756			
5	5	Other	38.22	26.21	$16,131	$23,013	1.46:1	.70:1
		INSTITUTIONAL AVERAGE	160.89	92.09	$428,648	$311,224	1.75:1	1.38:1

TOTAL ENROLLMENT (Average) PER INSTITUTION. Men = 2.554 Women = 2.927 Ratio = 0.87:1

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TABLE 14

DIVISION I-AAA GRANT RECIPIENTS, CONTESTS, OPERATING AND RECRUITING EXPENSES, N = 83 INSTITUTIONS

MEN'S AND WOMEN'S SPORTS	SCHOLARSHIPS				Average Number of Students Receiving Athletics Aid		Average Number of Contests		Average Operating Expenses		Average Recruiting Expenses	
	Number Allowed Men	Avg. No. Awarded in '90-91 Men (Equiv.)	Number Allowed Women	Avg. No. Awarded in '90-91 Women (Equiv.)	Men	Women	Men	Women	Men	Women	Men	Women
Baseball/Softball	13	7.16	11	3.78	18.70	10.48	55.22	44.52	$37,510	$15,944	$3,044	$1,163
Basketball	15	12.77	15	10.48	13.51	12.27	28.49	27.86	$151,662	$49,267	$36,221	$9,979
Cross Country	14	2.58	16	2.33	7.28	6.68	7.97	7.47	$7,749	$6,896	$819	$607
Fencing	5	2.72	5	1.36	8.00	2.75	12.75	12.40	$6,424	$5,601	$75	$641
Field Hockey			11	3.90		10.58		18.46		$13,424		$1,317
Ftb--multidivisional	40	20.61			62.86		9.88		$64,799		$5,589	
Golf	5	1.89	6	2.32	6.39	6.94	14.12	14.59	$11,071	$11,636	$383	$843
Gymnastics	7	1.74	10	3.80	4.67	7.57	10.67	10.71	$15,180	$13,266	$255	$477
Ice Hockey	20	7.40			9.20		26.29		$53,340		$9,304	
Lacrosse	14	4.12	11	2.57	14.30	8.00	13.86	16.17	$21,875	$12,803	$1,672	$657
Rifle	4	1.11		0.22	5.00	3.00	10.12	9.67	$5,453	$3,299	$294	$175
Skiing	7	4.67	7	5.06	8.50	7.00	10.00	11.50	$12,293	$13,440	$500	$0
Soccer	11	5.74	11	3.94	17.37	12.96	19.87	18.25	$23,736	$17,369	$2,471	$2,259
Swimming	11	3.61	14	3.67	9.91	10.06	13.38	13.13	$10,245	$9,422	$1,001	$652
Tennis	5	2.37	8	2.66	6.13	5.81	22.47	20.90	$8,948	$8,604	$506	$568
Indoor/Outdoor Track	*	6.21	*	4.76	13.49	10.72	16.26	15.47	$22,552	$17,355	$1,638	$1,123
Volleyball	5	2.94	12	5.79	7.14	9.07	25.88	30.60	$21,814	$18,517	$639	$2,137
Water Polo	5	2.42			5.00		22.00		$9,223		$172	
Wrestling	11	4.41			12.25		18.47		$15,470		$1,204	
Other		1.09		1.32	4.20	4.60	14.39	12.50	$11,061	$9,866	$417	$617
INSTITUTIONAL AVERAGE		37.43		28.00	81.53	53.83	168.88	142.70	$274,745	$115,846	$45,137	$15,187

*See cross country

TOTAL (Average) AMOUNT FULL ATHLETICS GRANT-IN-AID. Public Institutions: Instate = $5,975 Out-of-state = $9,413 Private Institutions = $14,303

TABLE 15

DIVISION I-AAA COACHING DATA, RATIOS, N = 83 INSTITUTIONS

MEN'S AND WOMEN'S SPORTS	Head Coaches (Men's) Percent Male	Head Coaches (Women's) Percent Female	Assistant Coaches (Men's) M Number	Assistant Coaches (Men's) F Number	Assistant Coaches (Women's) M Number	Assistant Coaches (Women's) F Number	Graduate Assistant Coaches (Men's) M Number	Graduate Assistant Coaches (Men's) F Number	Graduate Assistant Coaches (Women's) M Number	Graduate Assistant Coaches (Women's) F Number	Volunteer Asst. Coaches (Men's) M Number	Volunteer Asst. Coaches (Men's) F Number	Volunteer Asst. Coaches (Women's) M Number	Volunteer Asst. Coaches (Women's) F Number	Ratio of Participants to Coaches* M	Ratio of Participants to Coaches* F
Baseball/Softball	100%	58%	1.36	0.00	0.16	0.47	0.24	0.00	0.02	0.07	0.59	0.01	0.16	0.14	9.43:1	7.73:1
Basketball	100%	47%	2.34	0.00	0.47	0.99	0.59	0.01	0.08	0.35	0.38	0.00	0.10	0.18	3.37:1	3.98:1
Cross Country	97%	17%	0.30	0.05	0.17	0.11	0.11	0.02	0.08	0.02	0.22	0.02	0.09	0.06	6.73:1	6.45:1
Fencing	100%	25%	0.67	0.00	0.50	0.25	0.00	0.00	0.00	0.00	0.67	0.00	0.00	0.00	5.88:1	4.46:1
Field Hockey		92%			0.08	0.92			0.08	0.08			0.00	0.15		9.23:1
Ftb--multidivisional	100%		5.71	0.00			0.88	0.00			0.94	0.00			10.28:1	
Golf	99%	41%	0.10	0.00	0.06	0.00	0.01	0.00	0.00	0.00	0.07	0.00	0.06	0.00	8.68:1	7.20:1
Gymnastics	100%	43%	0.00	0.00	0.29	0.43	0.33	0.00	0.00	0.14	0.33	0.00	0.00	0.00	9.64:1	6.68:1
Ice Hockey	100%		1.43	0.00			0.29	0.00			0.29	0.00			9.92:1	
Lacrosse	100%	80%	1.08	0.00	0.00	1.40	0.31	0.00	0.00	0.00	0.69	0.00	0.00	0.00	11.59:1	11.88:1
Rifle	100%		0.12	0.00			0.00	0.00			0.00	0.00			6.14:1	5.67:1
Skiing	100%		1.00	0.00			0.00	0.00			0.00	0.00			9.17:1	24.50:1
Soccer	100%	7%	0.90	0.00	0.50	0.43	0.15	0.01	0.04	0.04	0.19	0.00	0.14	0.04	10.96:1	9.84:1
Swimming	94%	10%	0.91	0.21	0.82	0.24	0.09	0.00	0.05	0.08	0.25	0.09	0.16	0.13	7.64:1	7.33:1
Tennis	96%	36%	0.14	0.05	0.10	0.10	0.05	0.01	0.03	0.03	0.12	0.00	0.08	0.03	7.58:1	7.42:1
Indoor/Outdoor Track	100%	7%	0.93	0.14	0.58	0.14	0.23	0.05	0.14	0.07	0.25	0.05	0.12	0.09	10.34:1	9.22:1
Volleyball	100%	71%	1.25	0.00	0.25	0.29	0.12	0.00	0.04	0.11	0.12	0.00	0.11	0.10	7.18:1	6.05:1
Water Polo	91%		0.55	0.00			0.00	0.00			0.45	0.09			9.96:1	
Wrestling	100%		0.65	0.00			0.24	0.00			0.76	0.00			8.46:1	
Other	100%	14%	1.67	1.00	1.57	1.00	1.50	1.00	1.00	1.00	1.33	0.00	1.50	0.00	5.10:1	3.71:1
INSTITUTIONAL AVERAGE	98.5%M	38.2%W	7.69	0.28	2.10	2.39	1.59	0.08	0.34	0.66	2.28	0.10	0.68	0.57	12.81:1	11.90:1

*Coaching figures are not equivalencies; they include full and part time, graduate assistants and volunteers.

TABLE 16

DIVISION I-AAA COACHING SALARIES. N = 83 INSTITUTIONS

MEN'S AND WOMEN'S SPORTS	Head Coaches (Men's) Average Base Salary	Head Coaches (Women's) Average Base Salary	Assistant Coaches (Men's) Average Combined Salaries	Assistant Coaches (Women's) Average Combined Salaries
Baseball/Softball	$27,323	$12,527	$17,026	$5,258
Basketball	$65,334	$34,055	$64,953	$26,962
Cross Country	$9,135	$7,637	$6,110	$4,950
Fencing	$4,013	$5,221		$2,437
Field Hockey		$14,676		$6,352
Ftb--multidivisional	$38,750		$56,728	
Golf	$9,134	$9,390	$2,110	
Gymnastics	$13,753	$17,506	$0	$4,640
Ice Hockey	$25,181		$20,850	
Lacrosse	$14,628	$20,364	$7,206	$3,980
Rifle	$3,032			
Skiing				
Soccer	$20,526	$14,336	$5,192	$4,439
Swimming	$14,007	$12,718	$5,933	$5,544
Tennis	$9,891	$10,491	$6,386	$4,036
Indoor/Outdoor Track	$16,986	$15,219	$11,232	$12,028
Volleyball	$19,455	$18,671	$10,544	$6,935
Water Polo	$13,459		$3,920	
Wrestling	$16,477		$3,537	
Other	$11,698	$10,982	$6,044	$4,020
INSTITUTIONAL AVERAGE	$165,743	$99,593	$101,555	$41,228

TOTAL COACHING EXPENSE PER PARTICIPANT (Average per institution). Men = $1,733.19 Women = $1,529.18

DIVISION II SCHOLARSHIPS/BUDGETS/STAFF

1. Scholarships.

	Men	Total Dollars	Women	Total Dollars
a. Number of full athletics grants-in-aid awarded in 1990-91	16.72	$114.929	8.10	$52.543
b. Number of partial athletics grants-in-aid awarded in 1990-91	74.71	$191.495	36.95	$90.670
c. Number of athletics grants-in-aid extended to the fifth year in 1990-91	5.05	$ 13.119	2.11	$ 5.753

2. Program budgets.

	Men	Women
a. Total expenditures for athletics programs	$419.877	$195.078
b. Sources of revenue for athletics programs (check all that apply):	Percent	
(1) Gate receipts	86.2	70.1
(2) Student activity fees (athletics fee)	44.9	43.1
(3) Student activity fees (not related to athletics)	38.3	37.7
(4) Guarantees and options received	83.2	49.7
(5) Contributions from alumni and others	83.8	79.0
(6) Distributions from conference or other organizations for bowl games, tournaments, television	51.5	42.5
(7) Direct state or other government support	46.7	45.5

3. Coaching personnel/support staff.

a. List the number of full-time coaches (those receiving benefits):

Men's program: 6.77 Women's program: 3.51

b. List the number of part-time coaches:

Men's program: 6.09 Women's program: 4.36

c. List the number of graduate assistants:

Men's program: 3.01 Women's program: 2.16

d. Number of certified athletics training staff available to programs:

Men's program: 1.65 Women's program: 1.63

4. Number of full-time undergraduate students at this institution.

Men: 2.053 Women: 2.364 Ratio: 0.87:1

5. Ratios -- men to women.

Participation - 2.11:1 Grants-in-aid - 2.15:1 Total expenditures - 2.15:1

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TABLE 17

DIVISION II SPORT-SPECIFIC EXPENSES, N = 166 INSTITUTIONS

MEN'S AND WOMEN'S SPORTS	Average Number of Participants (Men's)	Average Number of Participants (Women's)	Average Number of Contests Scheduled (Men's)	Average Number of Contests Scheduled (Women's)	Average Operating Expenses (Men's)	Average Operating Expenses (Women's)	Average Recruiting Costs (Men's)	Average Recruiting Costs (Women's)
Baseball/Softball	31.11	16.51	46.62	36.48	$23,287	$12,783	$1,635	$681
Basketball	14.94	13.40	27.29	26.86	$39,660	$25,665	$5,586	$2,865
Cross Country	11.63	9.74	7.40	7.45	$5,352	$4,638	$343	$321
Fencing								
Field Hockey		21.19		16.37		$9,014		$447
Football	86.55		10.51		$113,084		$10,511	
Golf	11.34	9.18	13.02	10.17	$7,599	$7,801	$516	$408
Gymnastics	17.50	12.42	9.50	11.82	$8,821	$17,498	$500	$1,715
Ice Hockey	33.94		33.00		$185,106		$23,743	
Lacrosse	28.43	24.10	13.00	12.25	$11,823	$6,587	$651	$280
Rifle	8.71	5.00	9.83	10.00	$10,834	$21,642	$317	$286
Skiing	13.00	9.67	8.62	8.62	$21,114	$20,519	$266	$267
Soccer	24.76	20.56	18.64	16.98	$12,922	$9,561	$1,341	$927
Swimming	19.74	19.29	12.15	12.16	$16,435	$14,452	$738	$1,280
Tennis	10.00	8.95	18.31	17.20	$11,860	$6,520	$511	$747
Indoor/Outdoor Track	29.81	21.35	13.45	14.02	$14,068	$11,940	$820	$774
Volleyball	12.38	12.32	24.50	25.94	$7,768	$14,738	$750	$1,224
Water Polo	23.50		14.00		$17,618		$4,127	
Wrestling	27.60		17.41		$19,576		$1,273	
Other	23.22	16.58	12.33	16.70	$7,285	$5,797		
INSTITUTIONAL AVERAGE	167.08	79.11	129.77	115.29	$190,470	$73,296	$17,290	$5,615

TABLE 18

DIVISION II SPORT-SPECIFIC EXPENSES, N = 166 INSTITUTIONS -- (Cont'd.)

MEN'S AND WOMEN'S SPORTS	No. of Male Asst. Coaches (Men's)	No. of Male Asst. Coaches (Women's)	Average Combined Salaries of Male Assts. (Men's)	Average Combined Salaries of Male Assts. (Women's)	No. of Female Asst. Coaches (Men's)	No. of Female Asst. Coaches (Women's)	Average Combined Salaries of Female Assts. (Men's)	Average Combined Salaries of Female Assts. (Women's)
Baseball/Softball	1.18	0.28	$7,087	$2,241	0.00	0.40		$4,393
Basketball	1.47	0.35	$19,596	$9,181	0.01	0.82	$4,500	$11,510
Cross Country	0.25	0.22	$4,024	$4,315	0.02	0.09	$2,600	$2,211
Fencing								
Field Hockey		0.00				0.90		$3,702
Football	5.03		$80,420		0.00			
Golf	0.08	0.00	$1,900		0.01	0.08		$4,000
Gymnastics	1.00	0.67	$3,000	$8,008	0.00	0.25		$7,867
Ice Hockey	1.71		$30,137		0.00			
Lacrosse	0.93	0.00	$3,892		0.00	0.50		$2,550
Rifle	0.00	0.00			0.14	0.33		
Skiing	0.67	0.44	$3,600	$6,525	0.00	0.11		$500
Soccer	0.78	0.37	$4,917	$2,150	0.00	0.33		$1,940
Swimming	0.43	0.42	$7,697	$6,149	0.14	0.42	$6,494	$3,791
Tennis	0.12	0.10	$1,999	$2,866	0.00	0.09		$2,648
Indoor/Outdoor Track	0.78	0.63	$8,580	$5,573	0.12	0.35	$4,685	$5,093
Volleyball	0.12	0.21	$1,500	$3,825	0.00	0.38		$6,146
Water Polo	0.50		$3,750		0.00			
Wrestling	0.88		$9,054		0.00			
Other	0.44	0.09	$6,417	$2,000	0.00	0.45		$2,500
INSTITUTIONAL AVERAGE	7.32	1.58	$81,074	$10,544	0.14	2.19	$6,548	$15,898

TABLE 19

DIVISION II DEPARTMENT OF ATHLETICS HEAD COACHES, N = 166 INSTITUTIONS

MEN'S AND WOMEN'S HEAD COACHES	STATUS (Percent) [Men's] FT	STATUS (Percent) [Men's] PT	STATUS (Percent) [Women's] FT	STATUS (Percent) [Women's] PT	STATUS (Percent) [Men's] M	STATUS (Percent) [Men's] F	STATUS (Percent) [Women's] M	STATUS (Percent) [Women's] F	$ 1,000 (or less) - $ 4,999 (Men's)	$ 1,000 (or less) - $ 4,999 (Women's)	SALARY (Percent) $ 5,000 - $ 9,999 (Men's)	$ 5,000 - $ 9,999 (Women's)	$10,000 - $14,999 (Men's)	$10,000 - $14,999 (Women's)
Baseball/Softball	61.0	39.0	40.9	59.00	100.0	0.0	44.9	55.0	18.6	29.0	13.9	18.3	3.8	8.3
Basketball	90.0	10.0	83.3	16.6	100.0	0.0	52.5	47.4	1.8	5.5	1.8	5.5	3.7	5.5
Cross Country	37.2	62.7	37.6	62.3	95.6	4.3	83.1	16.8	43.4	44.7	8.6	11.4	8.6	7.6
Fencing														
Field Hockey			20.0	80.0			5.0	95.0		30.0		20.0		30.0
Football	89.7	10.2			100.0	0.0			2.0		2.0		0.0	
Golf	27.8	72.1	38.4	61.5	98.9	1.0	53.8	46.1	59.4	60.0	12.8	6.7	3.9	0.0
Gymnastics			72.7	27.2			63.6	36.3		0.0		9.0		9.0
Ice Hockey	76.4	23.5			100.0	0.0			12.5		6.2		0.0	
Lacrosse	0.0	100.0	22.2	77.7	100.0	0.0	0.0	100.0	69.2	22.2	15.3	33.3	7.6	22.2
Rifle	28.5	71.4	33.3	66.7	100.0	0.0	100.0	0.0	33.3	0.0	16.7	33.3	0.0	0.0
Skiing	33.3	66.7	20.0	80.0	80.0	20.0	80.0	20.0	33.3	33.3	16.7	16.7	16.7	16.7
Soccer	35.4	64.5	39.5	60.4	100.0	0.0	95.1	4.8	24.7	36.3	24.7	15.9	9.6	9.0
Swimming	51.5	48.4	48.6	51.3	83.8	16.1	57.1	42.8	21.2	18.9	9.0	16.2	9.0	5.4
Tennis	25.8	74.1	26.8	73.1	92.1	7.8	57.3	42.6	54.1	54.5	10.8	8.2	11.6	8.2
Indoor/Outdoor Track	59.4	40.5	55.4	44.5	98.6	1.3	85.2	14.7	13.1	11.5	11.8	15.9	11.8	11.5
Volleyball	28.5	71.4	57.8	42.1	85.7	14.2	24.1	75.8	50.0	21.9	12.5	9.5	12.5	11.6
Water Polo	33.3	66.7			100.0	0.0			33.3		33.3		33.3	
Wrestling	67.3	32.6			100.0	0.0			10.0		12.0		8.0	
Other	21.4	78.5	16.6	83.3	78.5	21.4	33.3	66.7	57.1	36.3	7.1	18.1	7.1	9.0
INSTITUTIONAL AVERAGE	54.1	45.8	49.6	50.3	97.5	2.4	54.6	45.3	26.6	27.5	10.5	12.1	6.6	9.0

TABLE 20

DIVISION II DEPARTMENT OF ATHLETICS HEAD COACHES, N = 166 INSTITUTIONS -- (Cont'd.)

MEN'S AND WOMEN'S HEAD COACHES	SALARY (Percent) $15,000-$19,999 (Men's)	$15,000-$19,999 (Women's)	$20,000-$24,999 (Men's)	$20,000-$24,999 (Women's)	$25,000-$29,999 (Men's)	$25,000-$29,999 (Women's)	$30,000-$34,999 (Men's)	$30,000-$34,999 (Women's)	$35,000-$39,999 (Men's)	$35,000-$39,999 (Women's)	$40,000-Higher (Men's)	$40,000-Higher (Women's)
Baseball/Softball	6.2	7.6	8.5	13.7	14.7	9.9	11.6	5.3	6.9	1.5	15.5	6.1
Basketball	1.8	7.3	3.1	10.4	10.1	21.4	14.5	23.9	20.8	8.5	41.7	11.6
Cross Country	7.8	3.8	7.8	11.4	6.0	8.5	6.0	4.7	4.3	3.8	6.9	3.8
Fencing												
Field Hockey		0.0		0.0		0.0		5.0		0.0		15.0
Football	1.0		1.0		6.2		14.5		14.5		58.3	
Golf	4.9	0.0	5.9	13.3	0.9	6.7	2.9	0.0	2.9	6.7	5.9	6.7
Gymnastics		9.0		9.0		18.1		27.2		9.0		9.0
Ice Hockey	0.0		0.0		12.5		6.2		6.2		56.2	
Lacrosse	0.0	0.0	0.0	0.0	7.6	0.0	0.0	11.1	0.0	11.1	0.0	0.0
Rifle	33.3	33.3	0.0	0.0	0.0	0.0	16.7	33.3	0.0	0.0	0.0	0.0
Skiing	0.0	0.0	16.7	33.3	0.0	0.0	16.7	0.0	0.0	0.0	0.0	0.0
Soccer	6.4	6.8	11.8	11.3	11.8	9.0	6.4	4.5	1.0	0.0	3.2	6.8
Swimming	9.0	10.8	12.1	10.8	12.1	18.9	18.1	5.4	0.0	8.1	9.0	5.4
Tennis	4.1	3.3	6.7	8.2	4.1	6.6	3.3	4.1	0.8	1.6	4.1	4.9
Indoor/Outdoor Track	5.2	7.2	11.8	18.8	15.7	8.6	10.5	10.1	10.5	5.7	9.2	10.1
Volleyball	0.0	5.4	0.0	17.1	12.5	13.6	0.0	11.6	0.0	4.1	12.5	4.7
Water Polo	0.0		0.0		0.0		0.0		0.0		0.0	
Wrestling	6.0		12.0		12.0		12.0		0.8		20.0	
Other	14.2	27.2	7.1	0.0	7.1	9.0	0.0	0.0	0.0	0.0	0.0	0.0
INSTITUTIONAL AVERAGE	4.9	6.2	6.9	12.2	8.9	11.9	9.2	10.1	7.6	4.3	18.8	6.8

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TABLE 21

DIVISION III DEPARTMENT OF ATHLETICS PERSONNEL. N = 237 INSTITUTIONS

N	TITLE	STATUS (Percent) FT	PT	GENDER (Percent) M	F	SALARY (Percent) $ 1,000 (or less)- $ 4,999	$ 5,000- $ 9,999	$10,000- $14,999	$15,000- $19,999	$20,000 $24,999	$25,000- $29,999	$30,000- $34,999	$35,000- $39,999	$40,000- Higher
219	Athletics Director-Men	70.0	30.0	90.0	10.0	0.9	1.3	3.6	5.9	11.9	2.7	5.9	9.6	57.7
211	Athletics Director-Women	47.8	52.2	34.5	65.4	1.0	4.3	4.3	13.9	23.6	9.6	13.9	4.3	24.7
114	Assoc. Director of Athl.	71.0	28.9	52.2	47.7	2.6	7.0	6.1	2.6	8.8	14.1	15.0	18.5	24.7
190	Sports Info. Director	52.1	47.8	80.6	19.3	11.0	12.7	9.3	13.2	24.3	18.2	8.8	1.6	0.5
31	Business Officer	80.6	19.3	51.6	48.3	3.3	0.0	3.3	20.0	20.0	16.7	13.3	10.0	13.3
11	Ticket Manager	54.5	45.4	36.3	63.6	50.0	0.0	10.0	0.0	0.0	20.0	20.0	0.0	0.0
194	Trainer	73.1	26.8	72.9	27.0	4.2	7.9	8.5	8.5	24.4	18.0	16.4	8.5	3.1
138	Equipment Manager	82.6	17.3	89.2	10.7	5.1	5.8	11.6	24.0	30.6	18.2	3.6	0.0	0.7
21	Academic Counselor	47.6	52.3	63.6	36.3	5.0	15.0	5.0	10.0	15.0	10.0	10.0	15.0	15.0
28	Strength Coach	28.5	71.4	92.5	7.4	22.2	22.2	3.7	11.1	22.2	7.4	3.7	3.7	3.7
211	(Others)	66.3	33.6	55.6	44.3	3.8	7.6	8.6	12.9	19.6	17.7	6.2	10.0	13.4
	ALL POSITIONS	66.1	33.8	70.7	29.2	5.1	7.0	7.3	11.4	20.1	13.9	9.5	7.6	18.0

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TABLE 22

DIVISION III SPORT-SPECIFIC EXPENSES, N = 227 INSTITUTIONS

MEN'S AND WOMEN'S SPORTS	Number of Participants (Men's)	Number of Participants (Women's)	Practice Time* (Men's)	Practice Time* (Women's)	Operating Expenses (Men's)	Operating Expenses (Women's)	Head Coach (Percent) [Men's] M	Head Coach (Percent) [Men's] F	Head Coach (Percent) [Women's] M	Head Coach (Percent) [Women's] F
Baseball/Softball	26.34	17.14	c = 96%	c = 96%	$11,491	$7,391	100	0	34	66
Basketball	19.60	13.79	c = 85%	c = 86%	$17,731	$13,467	100	0	36	64
Cross Country	13.87	10.81	c = 96%	c = 96%	$3,512	$3,236	96	4	83	17
Fencing	15.88	8.50	c = 70%	c = 67%	$7,407	$4,278	73	27	60	40
Field Hockey		22.26		c = 99%		$9,241			4	96
Football	82.33		c = 98%		$46,917		100	0		
Golf	10.68	6.67	c = 93%	c = 95%	$4,267	$3,573	99	1	83	17
Gymnastics	17.00	12.07	c = 100%	c = 100%	$8,456	$7,068	100	0	33	67
Ice Hockey	31.36		c = 65%		$38,390		100	0		
Lacrosse	33.39	26.04	c = 97%	c = 100%	$15,080	$9,097	100	0	9	91
Rifle	11.78	7.00	c = 89%	c = 83%	$4,603	$4,259	100	0	100	
Skiing	14.75	12.80	c = 67%	c = 60%	$10,747	$10,512	87	13	80	20
Soccer	26.52	21.90	c = 95%	c = 98%	$11,355	$9,627	100	0	68	32
Swimming	17.68	17.49	c = 95%	c = 95%	$7,627	$7,526	86	14	70	30
Tennis	11.73	11.04	c = 95%	c = 98%	$4,349	$4,265	91	9	46	54
Indoor/Outdoor Track	30.95	21.38	c = 98%	c = 98%	$9,303	$7,581	98	2	85	15
Volleyball	13.84	14.41	d = 50%	c = 88%	$5,795	$8,215	79	21	25	75
Water Polo	17.10		c = 90%		$5,969		100	0		
Wrestling	20.37		c = 98%		$9,690		100	0		
Others	29.31	25.86	c = 88.4%	c = 79%	$8,634	$10,122	91.1	8.8	50.0	50.0
INSTITUTIONAL AVERAGE	215.86	115.70	c = 92.6%	c = 93.7%	$112,410	$56,123	87.4	2.7	49.8	50.1

*CODE (practice time):
a=6-9 a.m. d=6-9 p.m.
b=1-4 p.m. e=8-11 p.m.
c=3-6 p.m.

Ratio of male participants to female participants: 1.87:1

TABLE 23

DIVISION III SPORT-SPECIFIC EXPENSES, N = 227 INSTITUTIONS -- (Cont'd.)

MEN'S AND WOMEN'S SPORTS	Median Salary** (Men's)	Median Salary** (Women's)	No. of Male Asst. Coaches (Men's)	No. of Male Asst. Coaches (Women's)	Total Salary of Male Assistants (Men's)	Total Salary of Male Assistants (Women's)	No. of Female Asst. Coaches (Men's)	No. of Female Asst. Coaches (Women's)	Total Salary of Female Assistants (Men's)	Total Salary of Female Assistants (Women's)
Baseball/Softball	h	g	1.20	0.34	$4.635	$3.248	0.00	0.54	$0	$3.680
Basketball	h	h	1.61	0.39	$6.763	$2.389	0.01	0.78	$3.250	$4.742
Cross Country	f	g	0.26	0.22	$3.253	$3.951	0.06	0.11	$1.110	$1.302
Fencing	f	f	0.44	0.35	$1.550	$1.035	0.06	0.12	$1.100	$1.746
Field Hockey		i		0.04		$3.250		0.85		$2.610
Football	i		5.91		$32.376		0.00			
Golf	f	f	0.09		$1.170		0.01	0.04		
Gymnastics	g	f		0.53		$1.917	0.00	0.60		$1.120
Ice Hockey	g		1.43		$6.896		0.00			
Lacrosse	h	h	1.36	0.12	$4.767	$2.752	0.00	0.90		$3.207
Rifle	f	f	0.11	0.17			0.00			
Skiing	f	f	0.56	0.67	$4.684	$5.322	0.19	0.13	$5.000	$4.750
Soccer	f	f	0.97	0.42	$3.168	$1.614	0.00	0.37		$3.719
Swimming	h	h	0.58	0.48	$1.916	$1.713	0.29	0.39	$2.086	$2.272
Tennis	f	f	0.15	0.11	$1.891	$2.066	0.03	0.11	$612	$1.533
Indoor/Outdoor Track	h	f	1.25	0.97	$6.394	$6.857	0.24	0.42	$4.931	$4.618
Volleyball	f	f	0.40	0.17	$1.919	$1.611	0.10	0.54		$2.647
Water Polo	f		0.50		$1.975		0.00			
Wrestling	f		0.71		$1.888		0.00			
Others	h	g	0.45	0.34	$2.895	$3.012	0.14	0.45	$3.750	$2.233
INSTITUTIONAL AVERAGE	***	****	10.28	2.43	$40.967	$7.947	0.46	3.20	$4.163	$10.559

**CODE (salary ranges):
f=$1,000-10,000 i=$31,000-40,000
g=$11,000-20,000 j=$41,000-higher
h=$21,000-30,000

***CODE (salary ranges for men):
f=$1,000-10,000=44.6% i=$31,000-40,000=17.7%
g=$11,000-20,000=7.6% j=$41,000-higher=12.8%
h=$21,000-30,000=17.4%

****CODE (salary ranges for women):
f=$1,000-10,000=49.4% i=$31,000-40,000=13.3%
g=$11,000-20,000=7.9% j=$41,000-higher=5.7%
h=$21,000-30,000=23.7%